

# RJ45 1000Base-T, 1X2, Tap Up w/ LEDs (Green/Yellow, Green), Extended Temperature

ARJ-202

RoHS/RoHS II Compliant



31.20 x 13.55 x 25.45mm

## FEATURES:

- Compliant with IEEE802.3 standard
- Tab up RJ45 Jack 1 X 2
- High performance for maximum EMI suppression
- 350μH minimum OCL with 8mA bias current
- RoHS peak wave solder temperature 260°C

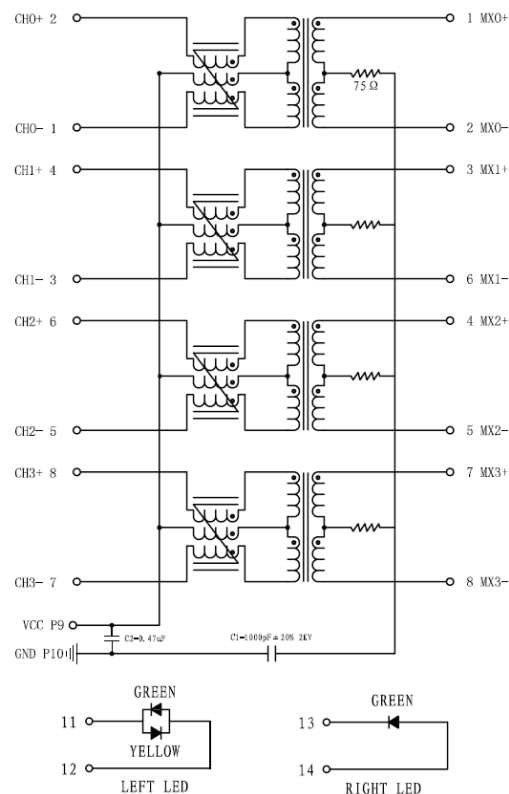
## APPLICATIONS:

- Support 1000 Base-T AutoMDIX application with Bi-Color LEDs
- Wide temperature range(-25°C~70°C)
- Ethernet Switches, Hubs, LAN-on-Motherboard(LOM) and ADSL
- Suitable CAT 3, 5e & 6 cable and UTP
- Provides signal conditioning, EMI suppression and signal isolation

## STANDARD SPECIFICATIONS

| Parameters            | Minimum           | Typical | Maximum | Units | Notes           |
|-----------------------|-------------------|---------|---------|-------|-----------------|
| Operating Temperature | -40               |         | +85     | °C    |                 |
| Storage Temperature   | -40               |         | +85     | °C    |                 |
| Turn Ratio (± 3%)     | 1CT:1CT           |         |         |       | Tx              |
|                       | 1CT:1CT           |         |         |       | Rx              |
| Inductance (OCL)      | 350               |         |         | μH    | 100KHz/0.1V@8mA |
| Insertion Loss        |                   |         | -1.0    | dB    | 1-100MHz        |
| Return Loss           | -18               |         |         | dB    | 1-10MHz         |
|                       | -16               |         |         |       | 10-30MHz        |
|                       | -14               |         |         |       | 30-60MHz        |
|                       | -12               |         |         |       | 60-80MHz        |
|                       | -10               |         |         |       | 80-100MHz       |
| Cross Talk            | -35               |         |         | dB    | 1-100MHz        |
| CMR                   | -35               |         |         | dB    | 1-100MHz        |
| Hi-Pot                | 1500Vrms/1mA/1Sec |         |         |       | Pri to Sec      |

## SCHEMATICS



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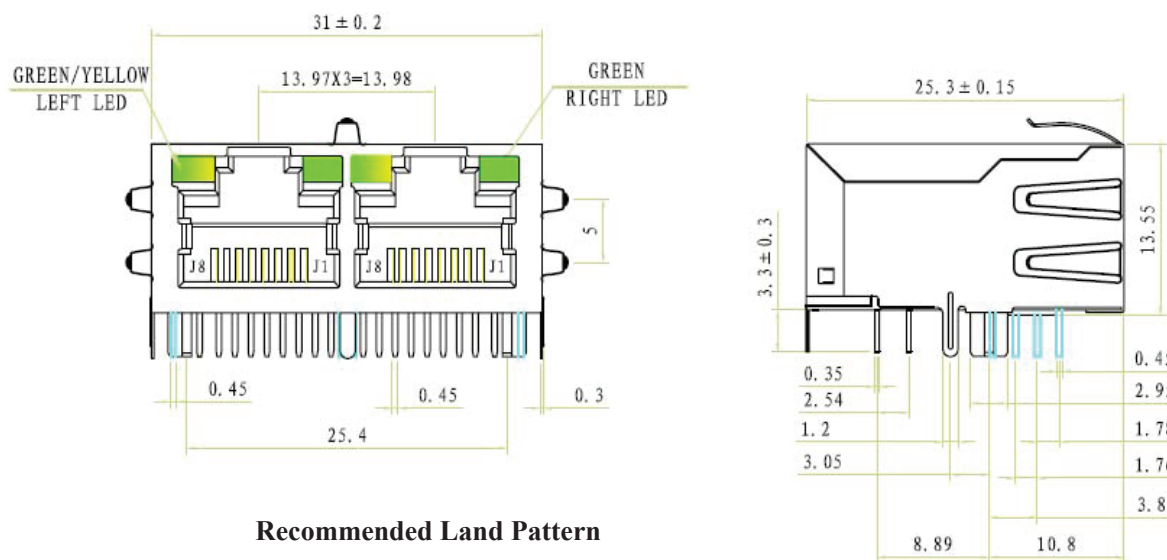
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## MECHANICAL DIMENSIONS



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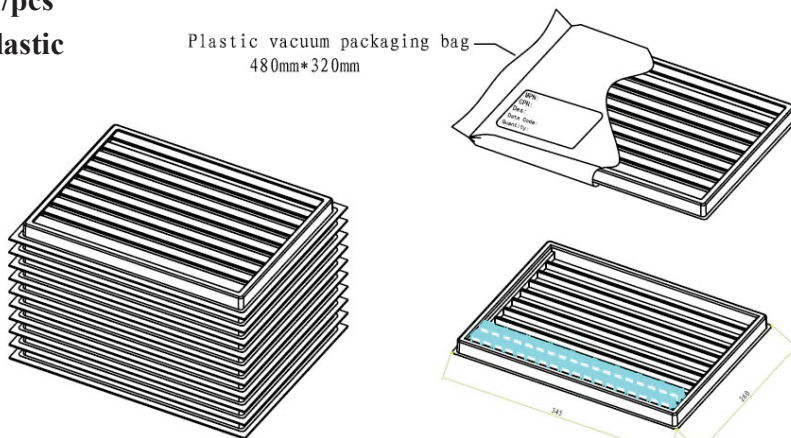


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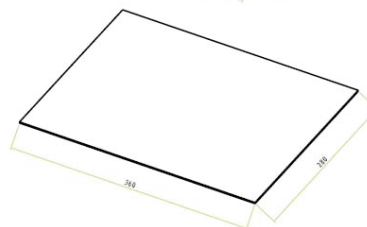
## PACKING:

**Packing:** 90 pcs/tray  
**Weight:** 12.75 grams /pcs  
**Packaging Material:** PC Plastic

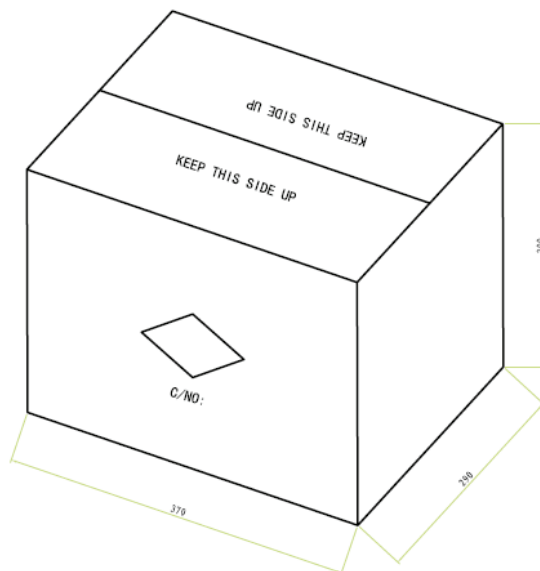
Plastic vacuum packaging bag  
480mm\*320mm



1. Inner Package: L=345mm; W=260mm; H=20mm;
2. There are 10 slot grids on the tray and There 9 Pcs In the slot grids.
3. Paste ROHS label and barcode label.
4. Material: PC Plastic.



**Outer carton unit (optional): 900 pcs/10 trays/box**



1. Package Box : L=370mm; W=290; H=300mm;
2. Package Box contain 10 PCS inner package Trays.
3. Material: US CARD+kraft papers.
4. There are 900 Pcs products in the Package Box.

**Dimensions: cm**

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